

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UTILITY PATENT APPLICATION TRANSMITTAL**

FIRST NAMED INVENTOR OR APPLICATION IDENTIFIER: Robert W. Stadler, et al.

TITLE: Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function

CERTIFICATE UNDER 37 CFR §1.10: I hereby certify that this Utility Patent Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service, in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, "EXPRESS No. EV 331 791 789 US, on this 24th day of March, 2004.

Kathleen M. Altman

Printed Name

Signature

MAIL STOP PATENT APPLICATION

Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

☒ Patent Application Transmittal☒ Specification:Total pages: 49 (including claims and abstract: Spec. 46 sheets; Claims 2 sheets; Abstract 1☒ Drawings:Total sheets: 19☐ formal ☒ informal☒ Combined Declaration and Power of Attorney:☐ executed☒ copy from prior application☐ Deletion of Inventor(s) - Signed statement attached deleting inventor(s) named in the prior application (37 CFR 1.63(d)(2) and 1.33(b))☐ Incorporation by Reference - *The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied above is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.*☒ Accompanying application parts:☐ Notification of filing a☐ Assignment of the Invention to Medtronic, Inc.☐ Assignment cover sheet☐ Information Disclosure Statement☐ PTO Form 1449☐ Copies of IDS citations☐ Preliminary Amendment☐ A copy of the Petition or Conditional Petition for Extension of Time in the prior application.☒ Return Postcard**IF A CONTINUING APPLICATION:**

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. 10/002,338, filed on October 30, 2001, entitled Implantable Medical Device Employing Sonomicrometer Output Signals for Detection and Measurement of Cardiac Mechanical Function.

☐ Amend the specification by inserting before the first line the sentence: --This application is a _____ of application Serial No. _____, filed _____, now allowed.--

☒ Cancel in this application original claims 1-54 of the prior application before calculating the filing fee. (At least the original independent claim must be retained for filing purposes.)

☒ The prior application is assigned of record to Medtronic, Inc.

☒ The Power of Attorney in the prior application is to: Michael C. Soldner.

22859 U.S. PTO
10/807654



032404

04776
U.S. PTO
032404

☐ This application claims the benefit of U.S. Provisional Application(s) Serial No.(s) _____, filed _____.

X Address all future correspondence to: Michael C. Soldner, Reg. No. 41,455
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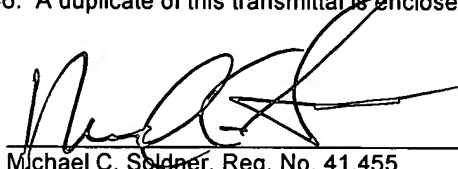
FEE CALCULATION	No. of Claims Filed	Claims Included in Base Fee	No. of Extra Claims	Rate	Fee
Total Claims	5	20	= 0	x 18	\$ 0.00
Independent Claims	2	3	= 0	x 86	\$ 0.00
Multiple Dependent Claims			0	+ 290	
Basic Filing Fee					\$770.00
				TOTAL	\$ 770.00

X Charge Deposit Account No. 13-2546 in the amount of \$770.00 for the filing fee.

X The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR 1.16 and 1.17, or credit any overpayment to Deposit Account No. 13-2546. A duplicate of this transmittal is enclosed.

March 23, 2004

Date



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